ThinkPad® X301 (2776) - TopSeller - withdrawn

Type-model	Low Voltage proc-esssor	GHz	Memory	Wide-screen display	Cam-era	Disk SATA GB[8] SSD/RPM	EIDE optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Mini PCIe UWB or Turbo	Blue/ Fing	Bat-tery cells	Preload	Avail date
2776-TMU	SU9400	1.40	*4GB*	13.3" WXGA+	Cam	128GB SSD	DVD±RW	✣ Intel 5100[28]	AT&T[23]		Yes	6	Bus 32	Aug 08
2776-L9U	SU9400	1.40	2GB	13.3" WXGA+	Cam	64GB SSD	DVD±RW	✣ Intel 5100	WWAN upg		Yes	3	Bus 32	Aug 08
2776-LAU	SU9400	1.40	2GB	13.3" WXGA+	Cam	64GB SSD	DVD±RW	✣ Intel 5100	AT&T		Yes	6	Bus 32	Aug 08
2776-P4U	SU9400	1.40	2GB	13.3" WXGA+	Cam	64GB SSD	DVD±RW	✣ Intel 5100	WWAN upg		Yes	3	XP Pro	Sep 08
2776-P5U	SU9400	1.40	2GB	13.3" WXGA+	Cam	64GB SSD	DVD±RW	✣ Intel 5100	AT&T		Yes	6	XP Pro	Sep 08
2776-P6U	SU9400	1.40	*4GB*	13.3" WXGA+	Cam	128GB SSD	DVD±RW	✣ Intel 5100	AT&T		Yes	6	XP Pro	Sep 08
2776-V1U	SU9400	1.40	2GB	13.3" WXGA+	Cam	128GB SSD	DVD±RW	✣ Intel 5300[28]	WWAN upg		Yes	6	Bus 32	Oct 08
2776-V2U	SU9400	1.40	2GB	13.3" WXGA+	Cam	128GB SSD	DVD±RW	✣ Intel 5300	WWAN upg		Yes	6	Bus 64	Nov 08
2776-TKU	SU9400	1.40	2GB	13.3" WXGA+	Cam	80GB SSD	DVD±RW	✣ Intel 5100	WWAN upg		Yes	3	Bus 32	Nov 08
2776-TLU	SU9400	1.40	2GB	13.3" WXGA+	Cam	80GB SSD	DVD±RW	✣ Intel 5100	AT&T		Yes	6	Bus 32	Nov 08
2776-H1U	SU9400	1.40	2GB	13.3" WXGA+	Cam	120GB 5400	DVD±RW	✣ Intel 5100	WWAN upg	2G Turbo	Yes	6	Bus 32	Dec 08
2776-27U	SU9600	1.60	2GB	13.3" WXGA+	Cam	128GB SSD	DVD±RW	✣ Intel 5100	WWAN upg		Yes	6	XP Pro	Apr 09

• ***These small and medium business (SMB) models are part of the US TopSeller™ Program***

Positioning	*Thin and light; two spindles*
Processor	**Intel® Core™ 2 Duo processor SU9400** or **SU9600** with ultra low voltage, **dual-core**, Intel HD Boost, 800MHz system bus, and 3MB L2 cache
Memory	**2GB** or **4GB** std / 4GB max[7] / PC3-8500 1066MHz **DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in 1 socket; 1 socket available
Diskette drive	None (use optional USB-based diskette drive)
EIDE DVD±RW Option Bay	Ultrathin DVD burner, 7mm high, removable from Option Bay, tray-in Modular bay for devices (DVD burner, battery), 7mm high
Serial ATA disk	*Some:* **64GB**[8], **80GB**, or **128GB** Solid State Drive (SSD) / SATA 3.0Gb/s *Some:* **120GB**[8] (5400 rpm) / SATA 1.5Gb/s, Active Protection System™ *All:* 1.8" wide, 8mm high, removable, upgradable, shock mounted storage
Widescreen display	**13.3"** (338mm) **WXGA+ (1440x900) TFT color**, anti-glare, **LED backlight**, 300 nits, 16:10 aspect ratio, 250:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, USB 2.0
Integrated graphics	**Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GS45 External monitor support via analog VGA DB-15 connector or DisplayPort (supports single-link DVI-D via cable 45J7915); *Maximum external resolution:* 2048x1536@75Hz (VGA, DisplayPort)
Keyboard	89-key, ThinkVantage button, spill-resistant, multimedia Fn keys, illuminated buttons (Power, ThinkVantage, Mute, and CapsLk)
TrackPoint®	TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar[13], magnifying glass
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label *27U model:* touch pad suppots multi-touch function
ThinkLight™	Illuminates the keyboard to improve visibility in low-light conditions
Dimensions[3]	*3-cell: (WxDxH):* 12.5" x 9.09" x 0.73-0.92"; 318mm x 231mm x 18.6-23.4mm *6-cell: (WxDxH):* 12.5" x 9.09" x 0.85-0.92"; 318mm x 231mm x 18.6-25.9mm
Weight[2]	*3-cell:* from 3.16 lb (1.43kg); *6-cell:* from 3.35 (1.52kg)
Case color	Black
Case material	*Display cover:* Carbon-fiber reinforced plastic (top), glass-fiber reinforced plastic (side walls); *Base:* Magnesium alloy
Battery - type	Lithium Polymer **3-cell** or Lithium Ion **6-cell**, supports optional Option Bay 3-cell battery (for two batteries)
Battery - life[10]	*3-cell:* up to 3.4 hr; *6-cell:* up to 5.5 hr; *6-cell and Option Bay battery:* up to 9.5 hr
Chipset	**Mobile Intel GS45 Express Chipset** (Graphics Memory Controller Hub); **ICH9M-SFF-Enhanced** I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, security chip, ethernet MAC), Marvell® SATA-to-EIDE bridge (for optical)
ExpressCard	None
Multicard reader	None
Ports	Three USB 2.0, external monitor (VGA DB-15, DisplayPort), ethernet (RJ-45)
Wireless antenna	UltraConnect™ II Antenna / on-off switch for all wireless radios
Mini PCI Express	Three Mini PCI Express slots / 802.11 and WWAN are customer upgradable
Intel 5100[28]	*Some:* 11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
Intel 5300[28]	*Some:* 11a/b/g/n wireless[4], Mini PCIe adapter, Intel WiFi Link 5300, 3x3 (Shirley Peak)
WWAN upg	*Some:* Wireless WAN upgradable, requires Verizon® (43R9151) or AT&T® (43R9152)
AT&T[23]	*Some:* Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T
Turbo Memory	*Some:* Intel Turbo Memory, Half-Mini PCIe adapter, 2GB flash, disk-cache accelerator
UWB	None
Modem	None (use optional USB-based modem)
Bluetooth™	Bluetooth 2.1 wireless, USB 2.0 interface via ICH, LED indicator
Ethernet	Intel 82567LM Gigabit Network Connection (Boazman), PHY, PCIe x1
Intel AMT	Intel Active Management Technology (iAMT)
Audio support	High Definition (HD) Audio, AD1984A codec / stereo speakers, 1 watt / volume up, down, mute buttons / digital microphone, mic input jack, headphone jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Trusted Platform Module, integrated in ICH9M, TCG 1.2-compliant
Fingerprint reader	Fingerprint reader on palm rest, swipe sensor, supports the security chip
Limited warranty[12]	**3-years**/1-yr battery - EasyServ™.[19] depot repair service / service upgrades[22] available

1GB PC3-8500 DDR3 L-H SODIMM	55Y3706	X300 LiPolymer Battery 3-cell	43R1965
2GB PC3-8500 DDR3 L-H SODIMM	55Y3707	X300 Li-Ion Battery 6-cell	43R1967
Other accessories on O-X300 sheet		Other accessories at lenovo.com/accessories	

Preloaded operating system[20]
- *Some:* Windows® XP Professional preinstalled through downgrade rights in Genuine Windows Vista® Business
- *Some:* Genuine Windows Vista Business 32
- *Some:* Genuine Windows Vista Business 64

✧ *Vista models:* Vista Premium logo

Preloaded applications[14] (all OSes; only some listed)
- Rescue and Recovery™
- Access Connections™
- Client Security Solution™
- ThinkVantage Productivity Center
- ThinkVantage System Update
- Fingerprint Software (fingerprint models)
- McAfee VirusScan® Plus with SiteAdvisor™ (30 days of virus definitions)
- Lenovo System Toolbox
- ThinkPad Utilities (Power Manager and Presentation Director)
- Adobe® Reader®
- Windows Live™ Toolbar
- Microsoft® Office 2007 Trial (60-day)
- Roxio® Creator® Business Edition (DVD±RW)
- Roxio MyDVD® (DVD±RW)
- Corel® WinDVD® (DVD±RW)

Supports ThinkVantage® technologies

65-watt (GMA graphics) AC Adapter
Next Generation ThinkPad Roll Cage (in display cover)
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

ThinkPlus 3-year LOR 9x5 NBD 41C9176
ThinkPlus 4-year LOR 9x5 NBD 41C9177
ThinkPlus 5-year LOR 9x5 NBD 41C9179
ThinkPlus 4-year P&L P/U Depot 41C9178
ThinkPlus 5-year P&L P/U Depot 41C9180
Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

See footnotes for important warranty information ✣Intel Centrino® 2 with vPro™ technology

US models announced Aug 26, Sep 2, Oct 14, Nov 18, Nov 25, or December 2, 2008 or April 21, 2009
US models withdrawn effective July, September, or December 2009

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